Claims

1. A thermoplastic elastomer composition, comprising an ethylene-propylene-nonconjugated diene ternary copolymer or an ethylene-propylene binary copolymer, a crystalline polyolefin resin, a non-aromatic softening agent, and an organic peroxide, being characterized in that the crystalline polyolefin resin has from 0.1 g/10 min. to 100 g/10 min. of melt flow rate which is measured in accordance with JIS K7210 under conditions of 230°C and 21.18 N and is contained in an amount of from 10 to 150 parts by weight every 100 parts by weight of the copolymer;

the non-aromatic softening agent has a kinetic viscosity of 300 mm^2/s or more at 40°C and is contained in an amount of from 20 to 150 parts by weight every 100 parts by weight of the copolymer;

the organic peroxide is contained in an amount of from 0.1 to 10 parts by weight every 100 parts by weight of the copolymer; and

hardness measured by a JIS type A durometer is from 30 to 70 degrees.

2. The thermoplastic elastomer composition as set forth in Claim 1, being characterized in that the crystalline polyolefin resin is contained in an amount of 100 parts by weight every 100 parts by weight of the copolymer.

3. The thermoplastic elastomer composition as set forth in Claim 1 or 2, being characterized in that compression set measured in accordance with JIS K6262 after 168 hours of standing time at 100°C is 50% or less.

4. A gasket, being characterized by being formed by using the thermoplastic elastomer composition as set forth in any one of Claims 1 to 3 as a material.

5. A molded gasket constituting a cover member, being characterized in that the thermoplastic elastomer composition as set forth in any one of Claims 1 to 3 is integrally molded together with a metal sheet as a gasket.

6. A sealing structure between two members constituted such that a metal surface of one member and a surface of the other member face to each other while interposing a gasket therebetween, being characterized by being constituted such that the gasket which is formed by injection molding the thermoplastic elastomer composition as set forth in any one of Claims 1 to 3 on a metal surface of one member coated with an adhesive is pressed against a surface of the other member.

7. A gasket, which is interposed between a surface of a first member and a surface of a second member which face to each other and is adhered to the surface of the first member such that it seals a space between the two members, being characterized in that, as a cross-sectional shape of the gasket in a width direction, length H0 in a direction in which the two members face to each other and width W0 of an adhesion face against the surface of the first member have a relation of "$H0/W0 \geqq 0.8$" therebetween and, further, as a cross-sectional shape of the gasket in the width direction, a base portion arranged on the side of the surface of the first member and a projection portion which is formed in a state projected from the base portion and comprises a tip end of

a curved face pointing toward the surface of the second member are provided and, still further, a curvature radius R of the tip end of the curved face is 0.1 mm or more.